

Hospitalizations for Work-related Injuries

Massachusetts 1998

Nature of Injury by Body Region

				Gender		Gender	
				Female	Male	Female	Male
Nature of Injury	Body Region	Number of Injuries	Injuries per 100,000 FTEs	Number of Injuries	Number of Injuries	Injuries per 100,000 FTEs	Injuries per 100,000 FTEs
ALL INJURIES		1437	48.71	235	1202	18.80	70.71
FRACTURES		737	24.98	151	586	12.08	34.47
	Head & Neck	48	1.63	(a)	46	(a)	2.71
	Torso	101	3.42	9	92	0.72	5.41
	Extremities	588	19.93	140	448	11.20	26.35
DISLOCATION		33	1.12	9	24	0.72	1.41
	Torso	9	0.31	5	4	0.40	(a)
	Extremities	24	0.81	4	20	0.32	1.18
SPRAINS & STRAINS		195	6.61	38	157	3.04	9.24
	Torso	27	0.92	8	19	0.64	1.12
	Extremities	156	5.29	30	126	2.40	7.41
	Unclassified	12	0.41	(a)	12	(a)	0.71
INTERNAL ORGAN		87	2.95	5	82	0.40	4.82
	Head & Neck	40	1.36	(a)	38	(a)	2.24
	Torso	47	1.59	(a)	44	(a)	2.59
OPEN WOUNDS		111	3.76	8	103	0.64	6.06
	Head & Neck	29	0.98	(a)	28	(a)	1.65
	Extremities	82	2.78	7	75	0.56	4.41
AMPUTATIONS		66	2.24	(a)	64	(a)	3.76
	Extremities	66	2.24	(a)	64	(a)	3.76
SUPERFICIAL/CONTUSIONS		19	0.64	(a)	16	(a)	0.94
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	8	0.27	(a)	7	(a)	0.41
	Extremities	9	0.31	(a)	8	(a)	0.47
CRUSHING		30	1.02	(a)	27	(a)	1.59
	Torso	(a)	(a)	(a)	(a)	(a)	(a)
	Extremities	29	0.98	(a)	26	(a)	1.53
BURNS		76	2.58	5	71	0.40	4.18
	Head & Neck	15	0.51	(a)	15	(a)	0.88
	Torso	14	0.47	(a)	14	(a)	0.82
	Extremities	42	1.42	5	37	0.40	2.18
OTHER & UNSPECIFIED (b)		83	2.81	11	72	0.88	4.24
	Head & Neck	9	0.31	(a)	9	(a)	0.53
	Torso	6	0.20	(a)	5	(a)	0.29
	Extremities	22	0.75	(a)	19	(a)	1.12

Source: Hospital Discharge Data, for 1 January 1998 through 31 December 1998, Massachusetts Department of Health Care Finance and Policy

(a) Counts not shown and rates not calculated for cells with less than four cases. Rates based on counts less than 20 may be unstable

(b) Other and unspecified includes blood vessel injuries, nerve injuries, systemwide and late effects and nature of injury unspecified or missing.

A hospitalization for an injury is defined as a any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

Attribution of work-relatedness based on designation of Workers' Compensation Insurance as expected payer.

Injuries per 100,000 FTE calculated as number of injuries / FTEs*100,000. FTEs= total hours per year/2000.

Total hours worked for Massachusetts residents obtained from Current Population Survey(CPS), US Census Bureau, for January 1998 through December 1998

Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell, et al, Inj Prev. 2002 Jun;8(2):91-6.